

Well Construction Report WISCONSIN UNIQUE WELL NUMBER				WV365		Drinking Water and Groundwater - DG/5 Department of Natural Resources, Box 7921 Madison WI 53707				Form 3300-077A					
Property Owner RACHNER, KEN					Phone # (715)684-9494			1. Well Location				Fire # (if avail.)			
Mailing Address 2422 170TH AVE								Town of EMERALD				2422			
City EMERALD					State WI		Zip Code 54012					Street Address or Road Name and Number 2422 170TH AVE			
County St. Croix		Co. Permit #		Notification # 52744236		Completed 08-16-2014		Subdivision Name				Lot #		Block #	
Well Constructor (Business Name) AUNE WELL DRILLING INC					Lic. # 95		Facility ID # (Public Wells)			Latitude / Longitude in Decimal Degree (DD) 45.108 °N -92.3175 °W				Method Code GCD013	
Address 1171 CNTY RD T HAMMOND WI 54015-4827					Well Plan Approval #			SE SW		Section 3		Township 30 N		Range 16 W	
								or Govt Lot #							
Approval Date (mm-dd-yyyy)					2. Well Type Replacement										
Hicap Permanent Well #					Common Well #		Specific Capacity 0.8			of previous unique well # constructed in					
Reason for replaced or reconstructed well ? BT UNSAFE/ECOLI															
3. Well serves 1 # of Private, potable					Hicap Well ? No			Construction Type Drilled							
Heat Exchange ___ # of drillholes					Hicap Property ? No										
Hicap Potable ?															
4. Potential Contamination Sources - ON REVERSE SIDE															
5. Drillhole Dimensions and Construction Method															
Dia. (in.)		From (ft.)		To (ft.)		Upper Enlarged Drillhole			Lower Open Bedrock						
15		Surface		49		<u>Yes</u> Rotary - Mud Circulation			<u>No</u>						
10		49		250		<u>No</u> Rotary - Air			<u>Yes</u>						
6		250		260		Rotary - Air & Foam Drill-Through Casing Hammer Reverse Rotary Cable-tool Bit ___ in. dia... Dual Rotary									
<u>Yes</u> Temp. Outer Casing 10in. dia															
<u>No</u> Removed? 49depth ft. (If NO explain on back side)															
8. Geology															
Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...				From (ft.)		To (ft.)					
T	S	X	G	SAND, CLAY & GRAVEL BR S				Surface		45					
Y	H	L	-	LIMEROCK YELLOW H				45		208					
I	M	N	-	SANDROCK WHITE M				208		260					
6. Casing, Liner, Screen															
Dia. (in.)		Material, Weight, Specification Manufacturer & Method of Assembly				From (ft.)		To (ft.)							
10		STL HKK 31.20 PE WELD ASTM A53				Surface		49							
6		STL HKK 18.97 PE WELD ASTM A53				0		250							
Dia. (in.)		Screen type, material & slot size				From (ft.)		To (ft.)							
7. Grout or Other Sealing Material															
Method PRESS TREMIE															
Kind of Sealing Material				From (ft.)		To (ft.)		# Sacks Cement							
NEAT CEMENT (PEA GRAVEL STEP CEMENT GROUT 5 YDS)				Surface		250		296 S							
9. Static Water Level															
100 ft. below ground surface															
10. Pump Test															
Pumping level 136 ft. below surface															
Pumping at 30 GP for 1 Hrs.															
Pumping Method ?															
11. Well Is															
12 in. above grade															
Developed ? Yes															
Disinfected ? Yes															
Capped ? Yes															
12. Notified Owner of need to fill & seal ?															
Filled & Sealed Well(s) as needed? Yes															
13. Constructor / Supervisory Driller															
Lic #				Date Signed											
TA				08-18-2014											
Drill Rig Operator				Lic or Reg #				Date Signed							
CB															

4a. Potential Contamination SourcesIs the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
POWTS dispersal component (soil absorption unit or mound)	>	50	Building Overhang	>	30
			Septic or Holding, or POWTS Tank	>	50

Comment:

PERMISSION FROM STACY [STEINKE-DNR] TO USE PEA GRAVEL STEP CEMENT GROUT DUE TO SEVERAL LARGE CREVICES IN LIME ROCK. 10" CASING GROUTED IN PLACE INSIDE & OUTSIDE.

Created On: 03-19-2015

Updated On: 07-18-2019

Review Status: